

FIG. 1

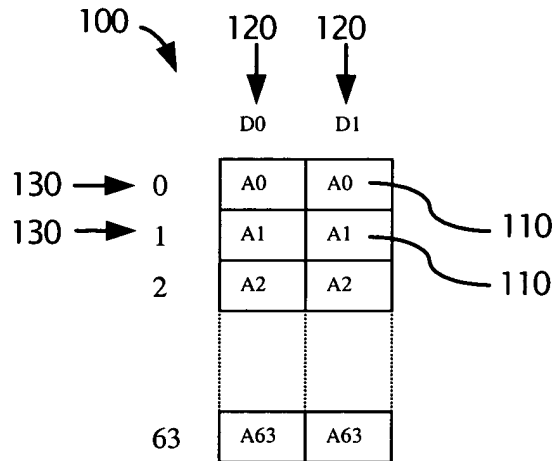


FIG. 2

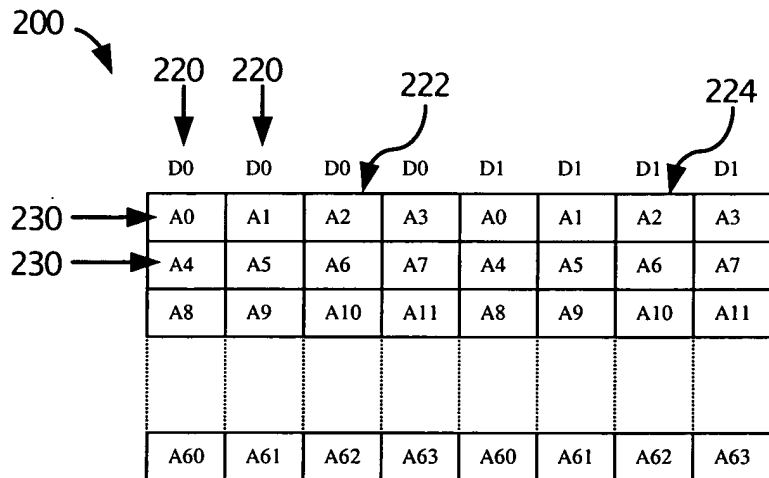


FIG. 3

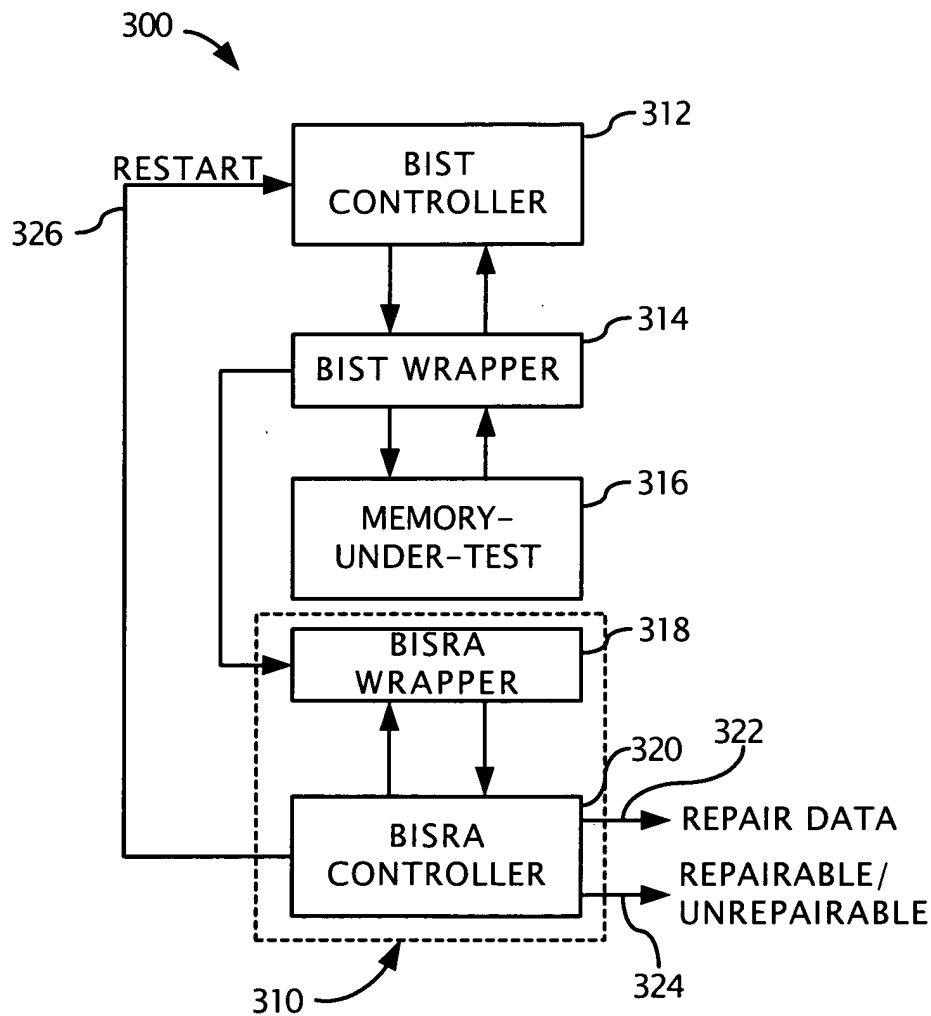


FIG. 4

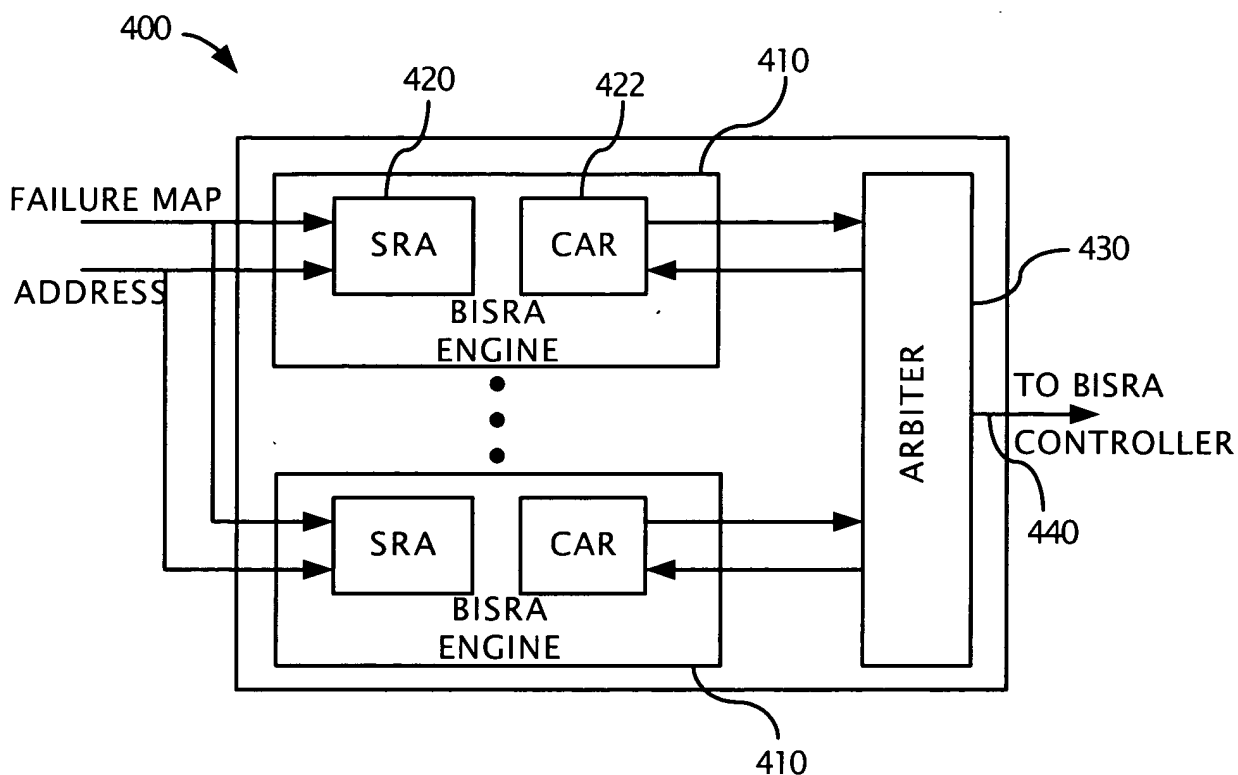


FIG. 5

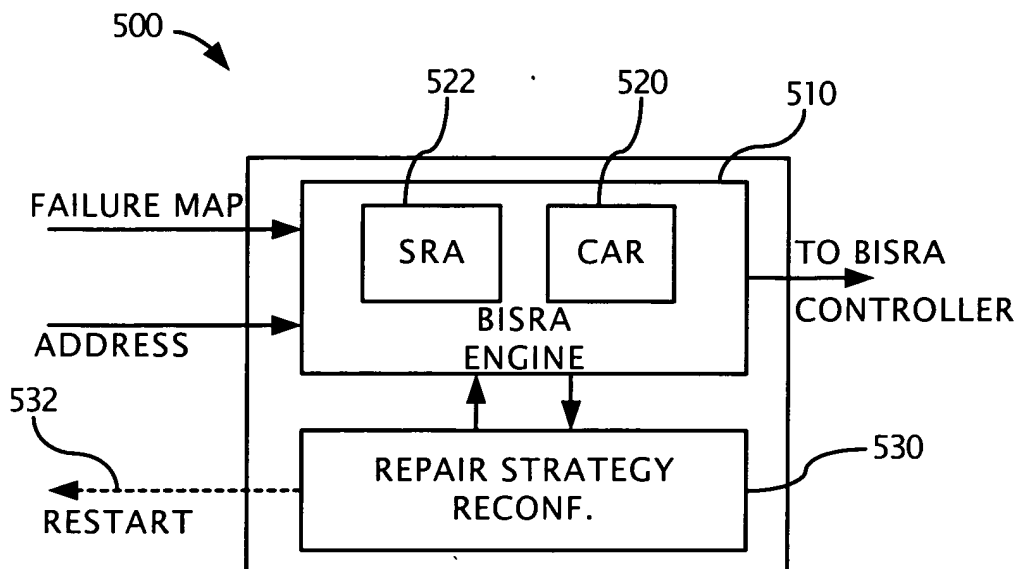


FIG. 6

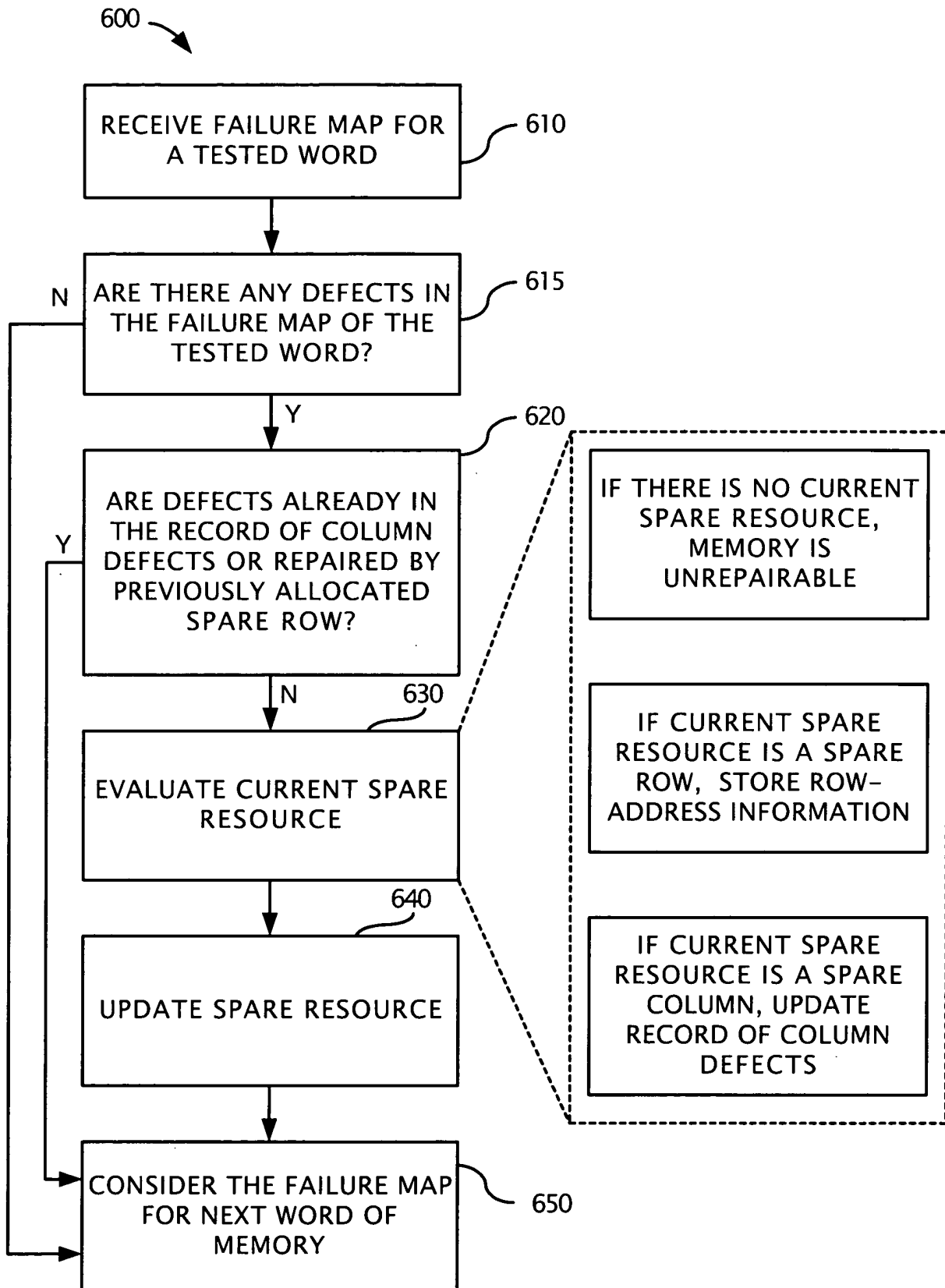


FIG. 7

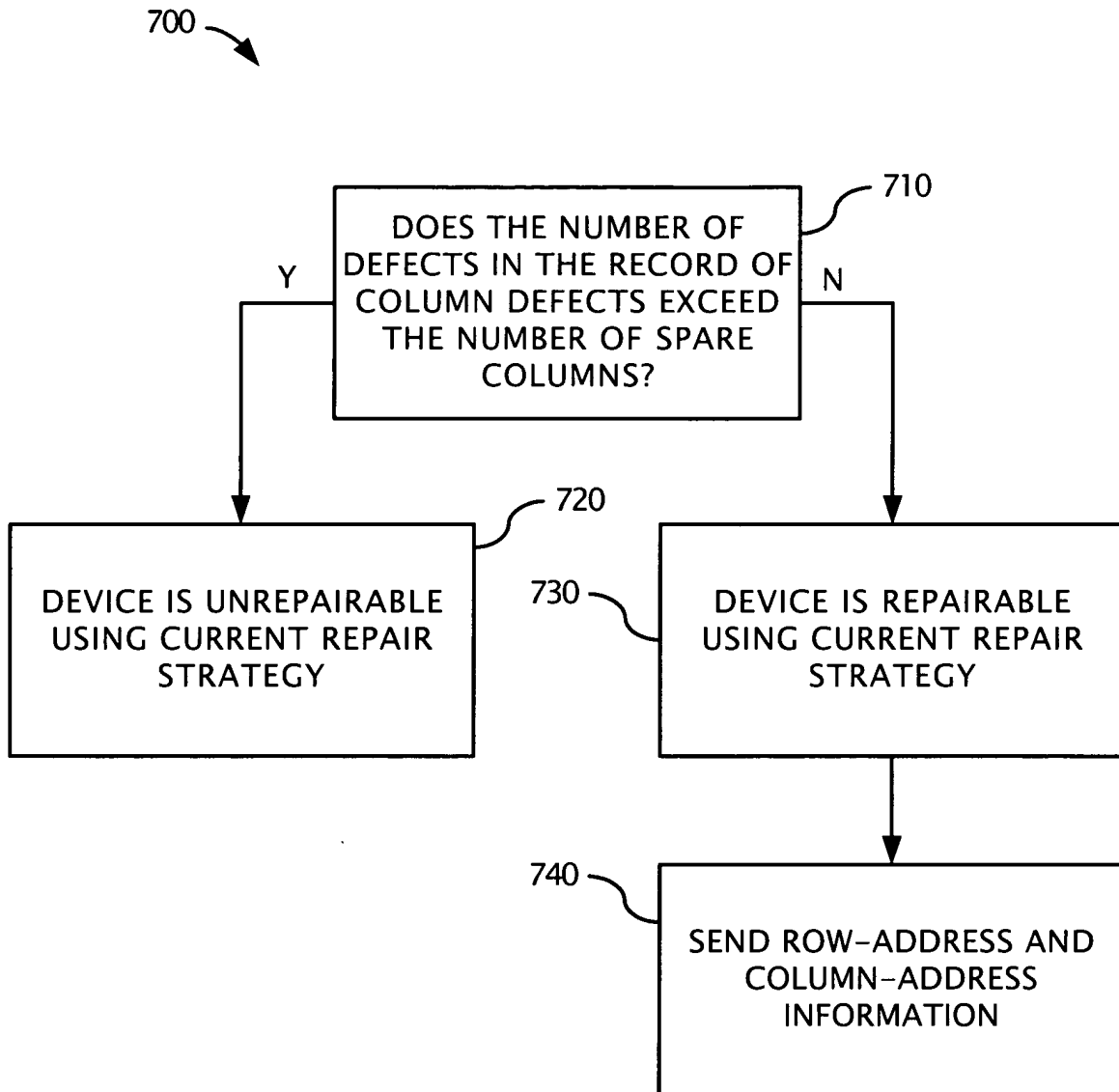
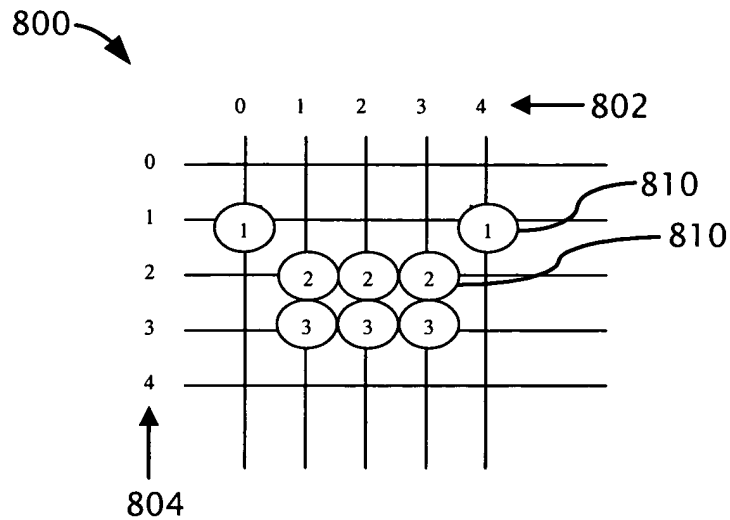


FIG. 8



1000

FIG. 10

| Word 0 | Word 1 | Word 31  |
|--------|--------|----------|
|        |        | 00010000 |
|        |        |          |
|        |        | 00000100 |
|        |        |          |

Case 1

| Word 0   | Word 1   | Word 31 |
|----------|----------|---------|
|          |          |         |
| 00010000 |          |         |
|          |          |         |
|          | 00000100 |         |

Case 2

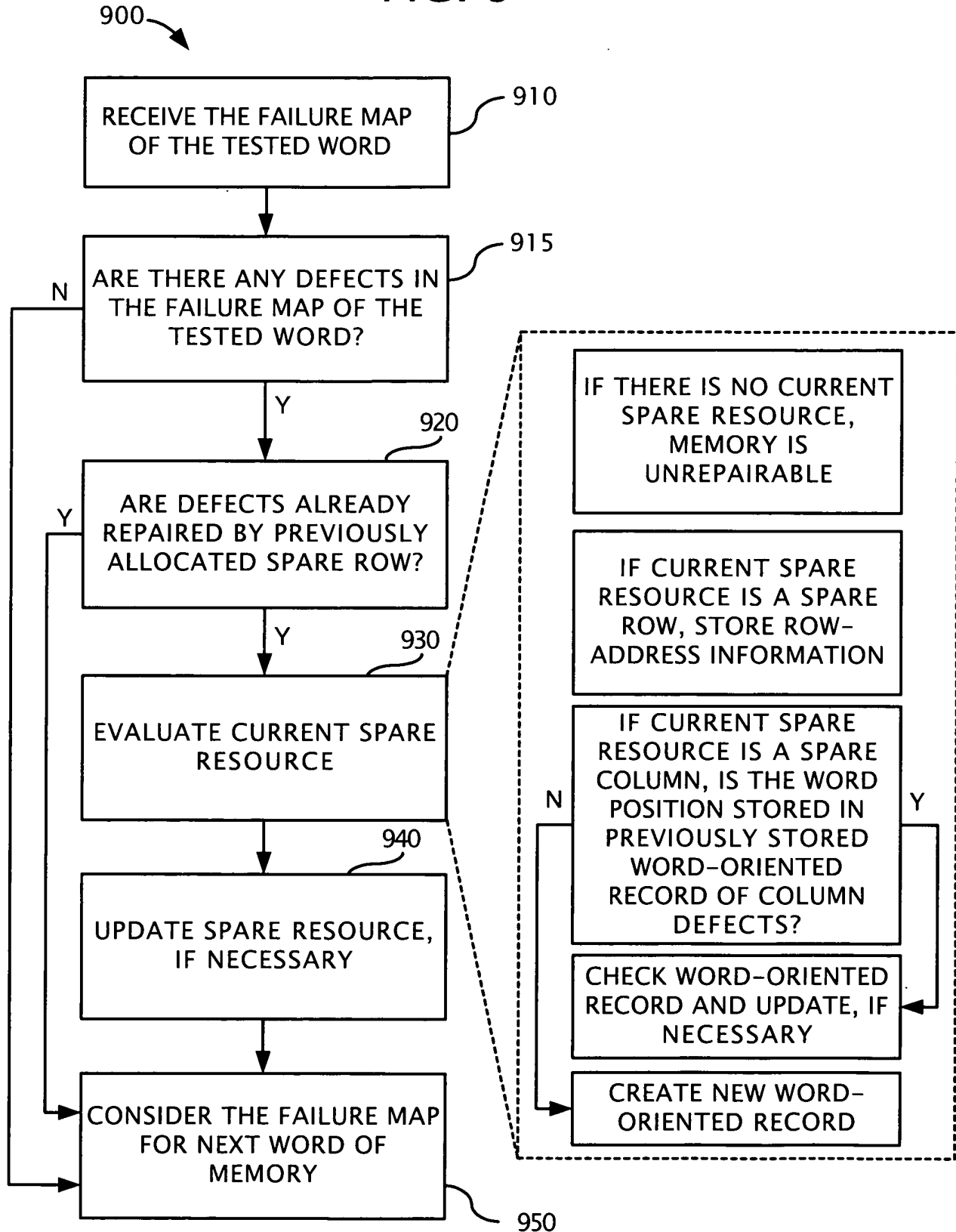
| Word 0 | Word 1   | Word 31 |
|--------|----------|---------|
|        |          |         |
|        | 00100100 |         |
|        |          |         |
|        |          |         |

Case 3

| Word 0   | Word 1   | Word 31  |
|----------|----------|----------|
|          |          |          |
| 00010000 |          |          |
|          |          | 00000100 |
|          | 00000100 |          |

Case 4

FIG. 9



**Our Ref. No. 1011-66273**  
**For: BUILT-IN SELF-ANALYZER FOR**  
**EMBEDDED MEMORY**  
**Inventors: Cheng et al.**  
**Express Mail No. EV331580762US**  
**Mailed: December 30, 2003**



FIG. 12

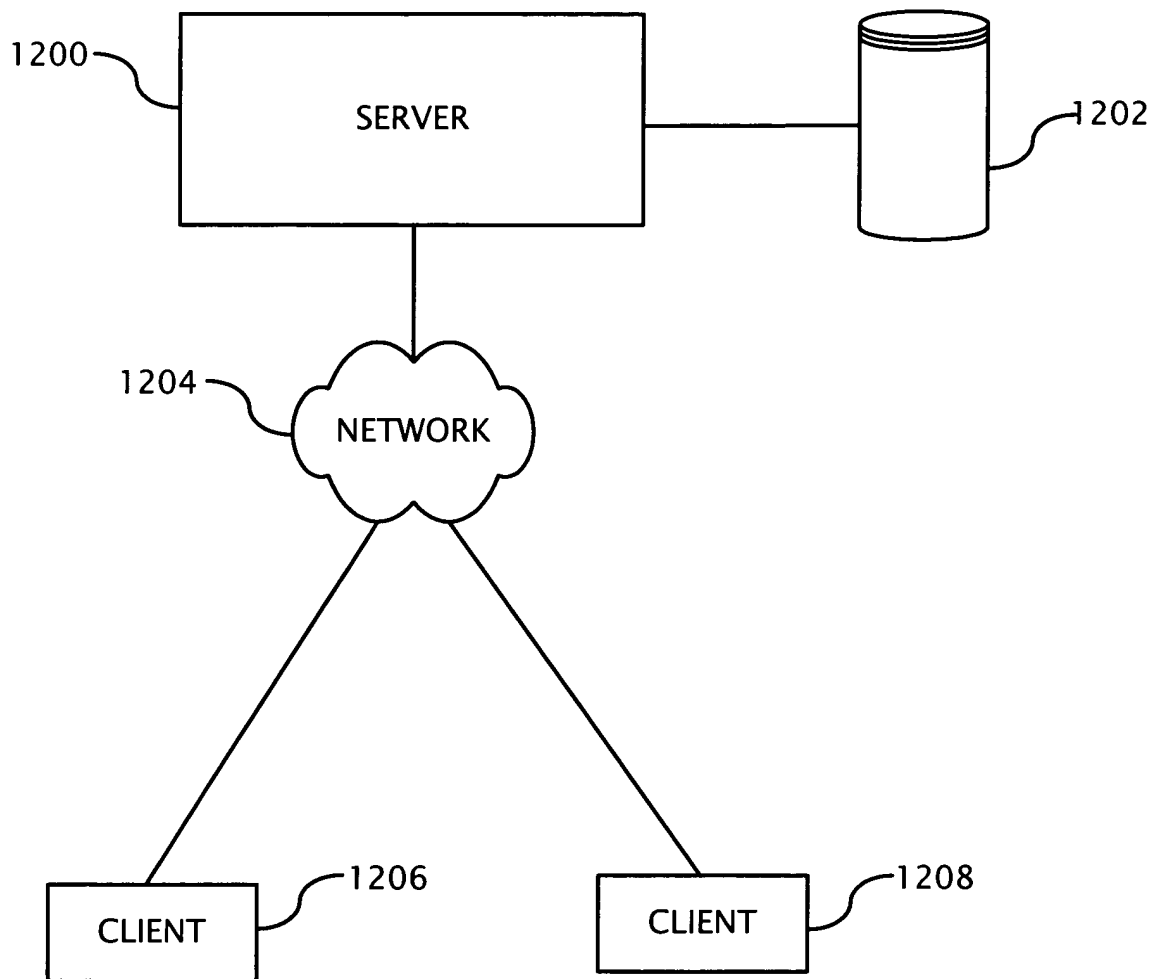


FIG. 13

